## AMENDMENTS TO THE SPECIFICATION

Please insert the following in between lines 21 and 22 on page 25.

RT-PCR was applied to confirm the expression and to determine the tissue distribution of RUP35. Oligonucleotides used for PCR had the following sequences: 5'-ACATCACCTGCTTCCTGACC-3' (SEQ.ID.N0.:64; sense), 5'-CCAGCATCTTGATGCAGTGT-3' (SEQ.ID.N0.:65; antisense) and the human multiple tissue cDNA panels (MTC, Clontech) were used as templates (1 ng 5 cDNA per PCR amplification). PCR was performed using Platinum PCR SuperMix (Life Technologies, Inc.; manufacture instructions will be followed) in a 50 µl reaction by the following cycles: 95°C far 4 min, 95°C for 1 min; 52°C for 30 sec, 72°C for 1 min, and 72°C for 7 min. Cycles 2 through 4 were repeated 35 times.

The resulting PCR reactions (15 µl) were loaded on a 1.5% agarose gel to analyze the RT-PCR products, and a specific 557 base-pair DNA fragment representing RUP35 was specifically expressed in the thalamus of the brain, suggesting that RUP35 may play a role in sensorimotor processing and arousal. RUP35 was also fat cells and substantia nigra of the brain.